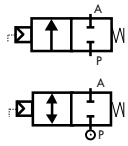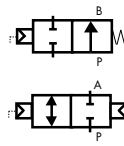# 2/2 WAY PISTON ACTUATED VALVE G 1/2″ ÷ 3/4″ – STAINLESS STEEL

NC normally closed
flow over seat

NC normally closed
Bi-Directional

NO normally open
flow under seat

Double acting
Bi-Directional

TECHNICAL SPECIFICATIONS

TYPE: COMPACT 45

Media: water, oil, air, aggressive media and steam ❶
Media temperature: -10°C ÷ +180°C
Ambient temperature: -10°C ÷ +60°C
Pilot media: air, inert gases
Body material: cast AISI 316L (CF3M), see page 37
Bonnet material: cast AISI 316L (CF3M), see page 37
Actuator body material: Polyamide PA6 (reinforced fiberglass 30%)
Seal material: PTFE type TFM 1600
Position indicator as standard

BENEFITS

Waterhammer-free design for BPG - DPG (2→1)
Actuator housing rotation 360°
Design suitable for vacuum applications up to 10^{-2} mbar

OPTIONS

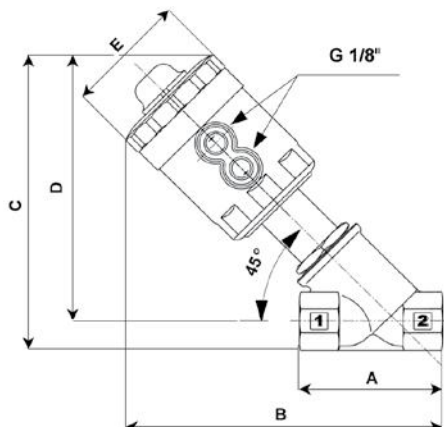NPT Connection (e.g. Code PN205CTW00)
Welded ends see page 17

SELECTION TABLE

VALVE	Connection	DN	Flow rate Kvs	Working pressure ❶ min	max	Flow direction	Pilot pressure ❷ min	max	Function
Code	[ISO 228 G]	[mm]	[l/min]	[barg]	[barg]	-	[barg]	[barg]	-
PG205CTW00	1/2″	15	75	0	16	1→2	3.8	10	normally closed
PG206CTX00	3/4″	20	133	0	16	1→2	5.8	10	normally closed
BPG205CTW00	1/2″	15	75	0	16 / 16	1→2 / 2→1	6.2 / 5	10	normally closed
BPG206CTX00	3/4″	20	133	0	16 / 7	1→2 / 2→1	8.7 / 5	10	normally closed
RPG205CTW00	1/2″	15	75	0	16	2→1	4	10	normally open
RPG206CTX00	3/4″	20	133	0	16	2→1	6.2	10	normally open
DPG205CTW00	1/2″	15	75	0	16 / 16	1→2 / 2→1	3	10	double acting
DPG206CTX00	3/4″	20	133	0	16 / 16	1→2 / 2→1	5	10	double acting

❶ Steam: max working pressure 10 bar (9 barg); ❷ Minimum pilot pressure at the max working pressure; for lower working pressures please refer to the comparative charts

DIMENSIONS & WEIGHTS

Connection	Actuator Ø	A	B	C	D	E	Weight
[ISO 228 G]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[kg]
1/2″	45	65	144	136	123	57	0.8
3/4″	45	75	149	142	126	57	0.9